

Work Order ID 119216

119216

Page 1

Item ID: D5043-1 Accept

Revision ID: PRELIM

Item Name: Fixed Hinge

Start Date: 5/13/2014 Start Qty: 16.00 ***16***

Required Date: 5/22/2014 Req'd Qty: 16.00 ***16***

Reference:

N9000040100 Setup Start ***NS1***

Stop ***NS2***

Cust Item ID:

Customer:

to be a Day 5/14/2014

PRELIMINARY ISSUE

DAS

22

9-89

14.05.13

Approvals: Process Plan: ME Date: 4-5-13 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	DAS
D5043	Rev A	10 9-89

100 Cut blanks as per folio 0.00

100

Bandsaw Memo 0.00

Jeaspa Bandsaw CUT BLANK AT 2.00"

DAS

02

9-89

14-05-15 (X16)

110 0.00

110

HAAS 1 Memo 0.00

HAAS CNC vertical machine #1 MACHINE AS PER DWG & FOLIO FB289

FOLIO REV: AA
DWG REV: A

DAS

25

9-89

14-5-20

DEBURR

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 119216

Tuesday, May 13, 2014 11:47:47 AM

119216

Page 2

Item ID: D5043-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: PRELIM Stop ***NS2***
Item Name: Fixed Hinge
Start Date: 5/13/2014 Start Qty: 16.00 ***16*** Cust Item ID:
Required Date: 5/22/2014 Req'd Qty: 16.00 ***16*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC2- Inspect parts off machine FAI/FAIB Memo	0.00 0.00				16			DAS 25 9-89 14/5/20
130 *130* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00				16			DAS 27 9-89 14/5/21
140 *140* Packaging Packaging	Identify as per dwg & Stock Location: <i>pull in</i> Memo	0.00 0.00				16			DAS 27 9-89 14/5/28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 119216

119216

Page 3

Tuesday, May 13, 2014 11:47:47 AM

Item ID: D5043-1 Accept ***N9000040100*** Setup Start ***NS1***
 Revision ID: PRELIM Stop ***NS2***
 Item Name: Fixed Hinge
 Start Date: 5/13/2014 Start Qty: 16.00 ***16*** Cust Item ID:
 Required Date: 5/22/2014 Req'd Qty: 16.00 ***16*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

MCS 14-05-28
MF 14-5-21

POSITIVE RECALL
EFFECTIVE 4/25/13 **AUTH** [Signature]
RELEASED 5 **DATE** 14/05/28

to Rev A Dwg.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

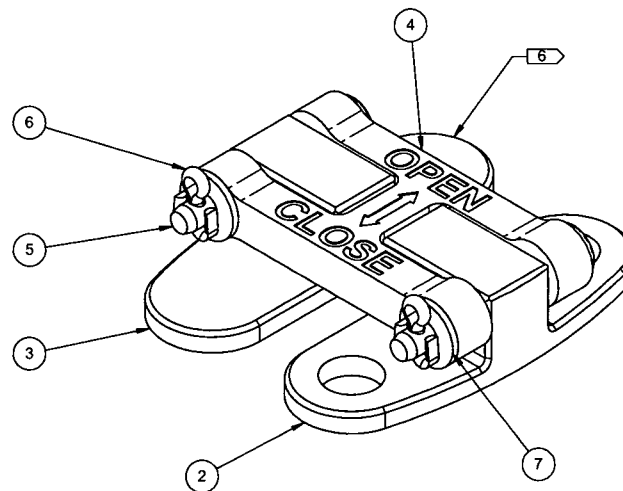
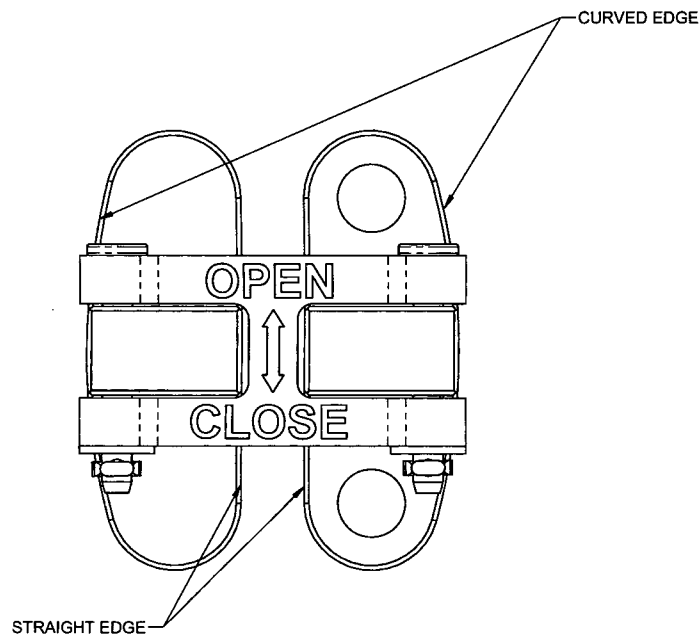
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design					267					
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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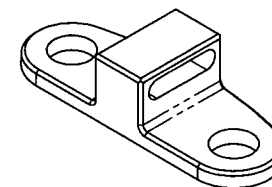
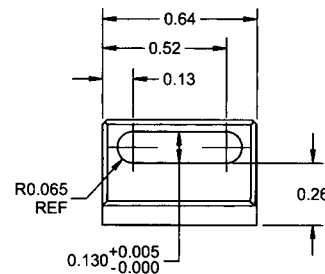
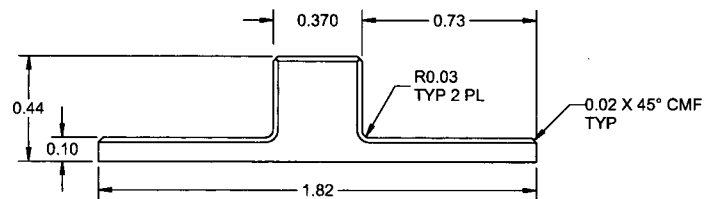
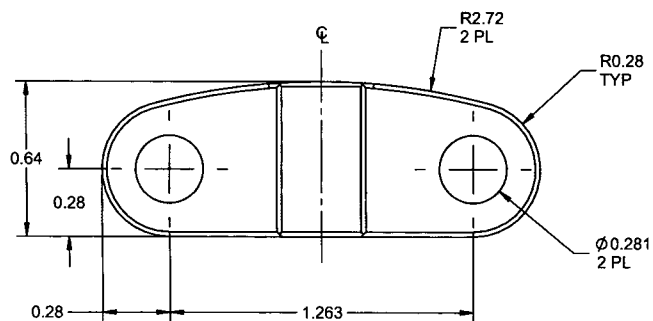
ITEM	QTY	P/N	DESCRIPTION
1	X	D5043-041	FUEL CAP HINGE ASSEMBLY
2	1	D5043-1	FIXED HINGE
3	1	D5043-3	FLOATING HINGE
4	1	D5043-5	H-LINK
5	2	MS20392-1R27	PIN
6	2	MS24665-151	COTTER PIN
7	2	NAS1149DN432J	WASHER

D5043-041 FUEL CAP HINGE ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
 - 7) WEIGHT: 0.03 lbs

A	NEW ISSUE	AK	14.01.14
REV.	DESCRIPTION	BY	DATE
DESIGN	AK	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	AK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 1 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
DATE	14.01.14	<small>COPYRIGHT © 2014 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

ME
119216
14-5-13



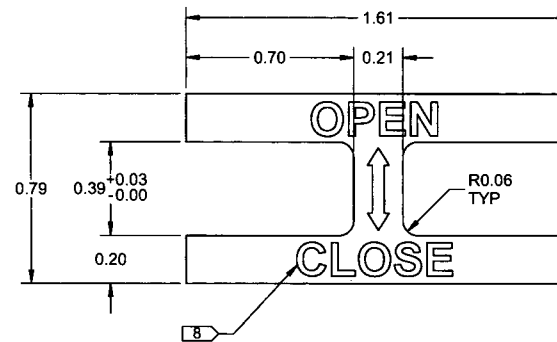
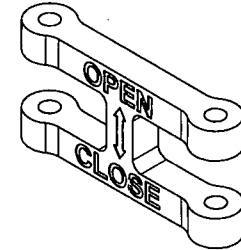
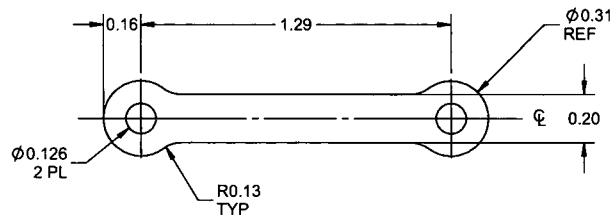
D5043-1 FIXED HINGE

NOTES:

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELRIN-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

APPROVED

DESIGN	AK	DART AEROSPACE USA, INC.	
DRAWN	AK	KENT, WA	
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 2 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
DATE	14.01.14	COPYRIGHT © 2014 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



D5043-5 H-LINK

NOTES:

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELRIN-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs
- 8) ENGRAVE "CLOSE, OPEN & ARROW" USING 0.14 HIGH LETTERS TO MAX DEPTH OF 0.010

APPROVED

DESIGN	AK	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	AK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 4 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
DATE	14.01.14	<small>COPYRIGHT © 2014 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

119216

DART AEROSPACE LTD		Work Order: 119216
Description: Fixed hinge		Part Number: D5043-1
Inspection Dwg: D5043	Rev: A	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.64	$\pm .030$	.642	/		vern	2-10
Ø.281	$\pm .005$ - .001		/			
1.263	$\pm .010$	1.263	/			
.28	$\pm .030$	.279	/			
.28	$\pm .030$	.280	/			
.44	$\pm .030$	.441	/			
3.70	$\pm .01$	3.70	/			
.73	$\pm .03$	.725	/		HG	
5.03	$\pm .03$	.032	/			
Ø.02X45°	$\pm .03$ $\pm .5^\circ$	Ø.02X45°	/			
1.82	$\pm .03$	1.820	/			
1.10	$\pm .03$	1.100	/			
.64	$\pm .03$	.642	/			
.52	$\pm .03$	.515	/		HG	
.13	$\pm .03$	.129	/			
.26	$\pm .030$	.260	/			
.130	$\pm .005$ - 0	.134	/			
R.065	$\pm .010$	.067	/			

Measured by: JL	Audited by: 27 3-29	Preliminary Approval:
Date: 14-5-20	Date: 14/5/21	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

Receiving Report

Date:

Batch No:

Supplier:

Dart P/O:

Packing Slip:

Yes

No

Yes

Cash

Cr

Release Note Attached:

Yes

No
A 3

N/A

Waybill Attached:

Yes
Yes

NO
N3

Shipment Complete:

Yes

N/A

QC18 Inspection
Work Order

7/19/20

N/A

Discrepancies

Discrepancies						
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK)

QC12

Production/Admin:

Date _____

Received/Costing

Initial

Location

Report Date: 28-JAN-2014 12:57

Pick Slip

Print Copy# 1

Page: 1 of 2
Pick Slip Page: 1 of 2

Ship to: DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A 1K7, CA
Telephone - 1 (613) 6325200

Picked By: _____
Converted By: _____
Inspected By: _____
Packed By: _____
Ship Confirm By: _____

Order Number: 99003609
Delivery Number: 18495863
Batch Name: 2883513
Order Type: OTW SALES
Customer A/C No: DARAER
PO Number: 22699
Requisition No: _____
Requestor: _____
Planned Carrier: TST OVERLAND EXPRESS_TSTO_L
Freight Terms: Collect Freight
Customer Service Rep: DIXON, WADE
Warehouse: OTW

Number Item	Qty Requested	Ship Set	Customer RSD	Promise Date	Unit	Qty Picked	Actual Qty Picked	Subinventory	Lot Number	Location
1.1 99644998 TEFLON STRIPS 2" THICK X 2" WIDE X 48" LONG Customer will take delivery before the requested ship date	6	1	27-JAN-14	27-JAN-14	EA	6	6	OTTAWA		0.0.0.0
2.1 65244104 ACT RD 1.250 BK CP | ACETRON GP Customer will take delivery before the requested ship date	24	1	24-JAN-14	24-JAN-14	FT	24	24	OTTAWA		0.0.0.0
3.1 65287104 ACT RD 1.500 BK CP | ACETRON GP Customer will take delivery before the requested ship date	8	1	24-JAN-14	24-JAN-14	FT	8	8	OTTAWA		0.0.0.0
4.1 55188104-C ACT SH 0.750 1.00"x48" BK CP | ACETRON GP Special Inst: 'CutSize_(CT Item)' Customer will take delivery before the requested ship date Process Type: SAW / Cut Job	12	1	24-JAN-14	24-JAN-14	EA	12	12	OTTAWA		0.0.0.0

Time Taken: _____ Hrs

CUSTOMER ORDER NOTES: (DART AEROSPACE LTD)

SABIC
Innovative
Plastics™

سابك
sabic

CERTIFICATE OF COMPLIANCE

SOLD TO: Dart Aerospace.

DATE: Jan. 28, 2014

YOUR PURCHASE ORDER: 22699

SABIC INVOICE NO:

SABIC SALES ORDER NO: 99003609

SABIC POLYMERSHAPES LINE ITEM: 04

QUANTITY: Twelve (12)

DESCRIPTION: Acetron GP Black Strips .750" x 1.00" x 48"

PART NUMBER: 55188104-C

The above Acetron GP is manufactured in accordance with ASTM D 6100.

AUTHORIZED REPRESENTATIVE SIGNATURE

Wade Dixon

Wade Dixon



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO22699**

Purchase Order Date 1/20/2014

PO Print Date 1/20/2014

Page Number 2 of 2

Order From :

SABIC POLYMERSHAPES
1290 OLD INNES ROAD
UNIT 713
OTTAWA, ON K1B 5M6
CA

VC-GEP001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 267 1575

Ship To Contact

Ship To Phone

Ship Via: TST ground

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	MDELNR1.500	Inventory	1/24/2014	8.00		\$7.83	\$62.64
			Yes	f			
			1/24/2014				

MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL

Line Total: \$62.64

4	MDELNRB0.750X1.000	Delrin Bar	1/24/2014	12.00		\$4.71	\$56.46
			Yes	f			
			1/24/2014				

MATERIAL: AS PER DELRIN II 150E OR ACETRON GP ACETAL

Line Total: \$56.46

5	MDELNRB1.000X04.000	Delrin Bar	1/24/2014	16.00		\$41.62	\$665.92
			Yes	Each			
			1/24/2014				

MATERIAL: AS PER DELRIN II 150E OR ACETRON GP ACETAL

Line Total: \$665.92

PO Total: \$3,218.74

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required **YES** NO

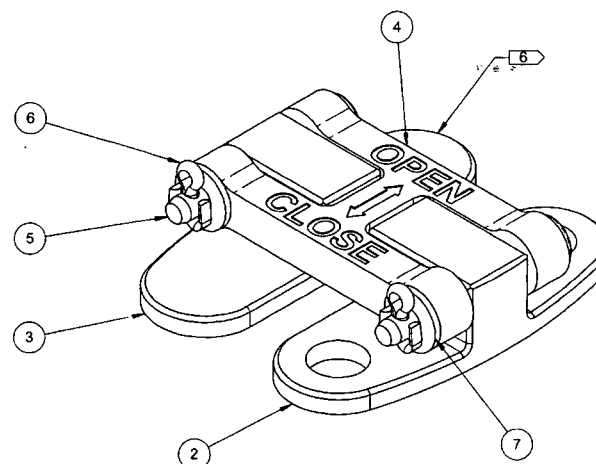
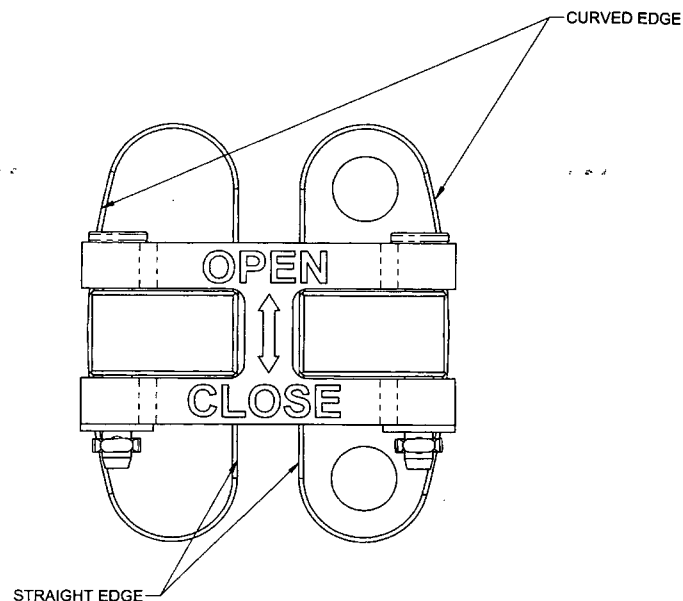
PST# 6122-5207

Change Nbr: 1

Change Date: 1/20/2014

8 7 6 5 4 3 2 1

ITEM	QTY	P/N	DESCRIPTION
1	X	D5043-041	FUEL CAP HINGE ASSEMBLY
2	1	D5043-1	FIXED HINGE
3	1	D5043-3	FLOATING HINGE
4	1	D5043-5	H-LINK
5	2	MS20392-1R27	PIN
6	2	MS24665-151	COTTER PIN
7	2	NAS1149DN432J	WASHER



D5043-041 FUEL CAP HINGE ASSEMBLY

RELEASED
2014-05-26

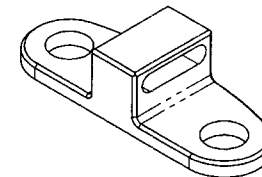
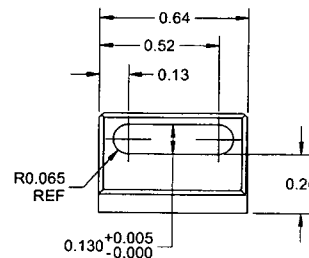
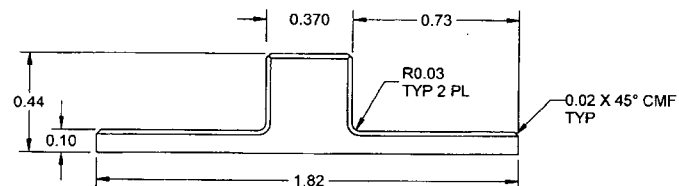
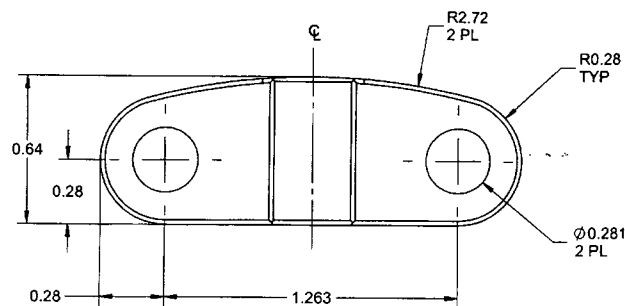
- NOTES:**
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
 7) WEIGHT: 0.03 lbs

A		NEW ISSUE		AK	14.01.14
REV.	DESCRIPTION			BY	DATE
DESIGN	AK	DART AEROSPACE USA, INC. KENT, WA		REV. A SHEET 1 OF 4	
DRAWN	AK				
CHECKED	VS	DRAWING NO. D5043		SCALE NTS	
MFG. APPR.	JLM	TITLE FUEL CAP HINGE ASSY			
APPROVED	MP	DATE 14.01.14			
DE APPR.	DS				

APPROVED

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8 7 6 5 4 3 2 1



D5043-1 FIXED HINGE

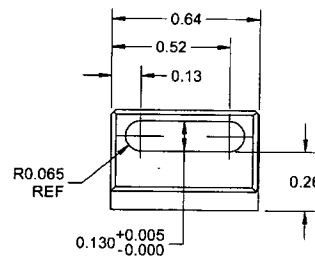
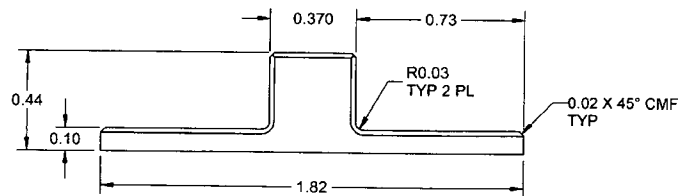
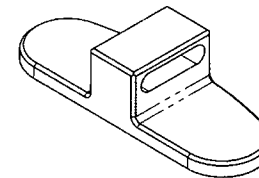
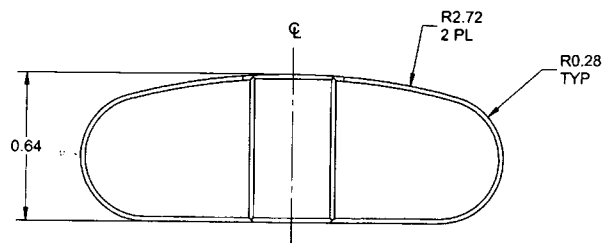
NOTES:

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELIRIN-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

APPROVED

DESIGN	AK	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	AK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 2 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
DATE	14.01.14	COPYRIGHT © 2014 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

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2014-05-26
WJD



D5043-3 FLOATING HINGE

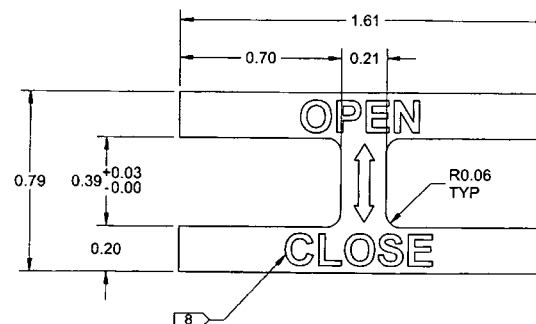
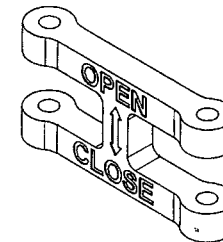
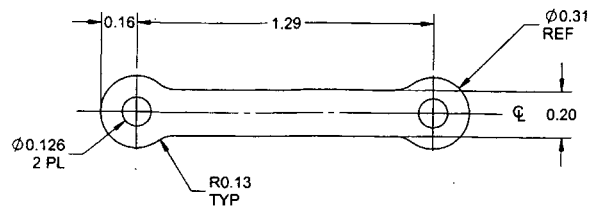
NOTES:

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELRIN-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

RELEASED
2014-05-26

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DESIGN	AK	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	AK		
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 3 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
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D5043-5 H-LINK

RELEASED
2014-05-26

NOTES:

- 1) MATERIAL: BLACK DELRIN II 150E OR ACETRON GP ACETAL
REF DART SPEC M-DELRIN-B
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs
- 8) ENGRAVE "CLOSE, OPEN & ARROW" USING 0.14 HIGH LETTERS TO MAX DEPTH OF 0.010

APPROVED

DESIGN	AK	DART AEROSPACE USA, INC.	
DRAWN	AK	KENT, WA	
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D5043	SHEET 4 OF 4
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FUEL CAP HINGE ASSY	NTS
DATE	14.01.14	<small>COPYRIGHT © 2014 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	